

MONSANTO COMPANY - LULING FACILITY
LULING, LOUISIANA

Monsanto Company - Luling Facility, located near New Orleans, Louisiana, significantly reduced energy and water use, NOx emissions, and greenhouse gas (GHG) emissions by implementing an innovative pollution prevention technology for a key manufacturing process. For the new millennium, the facility will further refine these improvements and tackle new areas. Each year, through a number of additional process improvements, the facility will conserve approximately 38 million gallons of water, 2 million pounds of hazardous chemicals, 1 million pounds of raw materials, and 2000 tons of solid waste.

ENVIRONMENTAL PERFORMANCE

AT A GLANCE

Industry Sector:	Chemical Manufacturing
Business:	Manufactures herbicides, analgesics, and water treatment chemicals
Facility Employees:	500-1,000
Accomplishments:	Reduced energy use Reduced water use Reduced air emissions
2003 Commitments:	Reduce water use Reduce hazardous materials use Reduce materials use Reduce solid waste
Address:	12501 River Road Luling, LA 70070

Past Accomplishments

The Luling facility has demonstrated its commitment to environmental performance by significantly reducing air emissions and energy and water use. Since 1997, the facility has:

- **Reduced energy use** by 35% through revising a manufacturing process technology for glyphosate. This change saved approximately 300,000 million BTUs annually.
- **Reduced water use** by 66%, or 200 million gallons each year, through improvements in the manufacturing process.
- **Reduced NOx emissions** by 35% through improvements in the manufacturing process. This change prevented approximately 14 tons of the gas from entering the air each year.
- **Reduced GHG emissions** by 35% through improvements in the manufacturing process.

Future Commitments

While reaping the benefits of its past efforts, the company also committed to environmental improvements in other ways. By 2003, the facility will:

- **Reduce water consumption** by 52% through reducing the amount of water used in diluting chemicals.
- **Reduce hazardous materials use** by 13% through modifying the pH control system within its biological wastewater treatment facility.
- **Reduce raw material use** through process improvements.
- **Reduce biosolids waste** from water treatment by applying it to land on-site rather than shipping it out for off-site disposal.

COMMUNITY OUTREACH

Monsanto shares information with the surrounding community through its Community Advisory Panel (CAP). This panel, formed in 1989, consists of about 16 community members and meets to discuss topics of concern to the community on a bimonthly basis.